

FORM PTO-1390 (REV. 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER BOH6278P0150US	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (IF KNOWN) <div style="font-size: 1.5em; font-weight: bold;">10/531556</div>	
INTERNATIONAL APPLICATION NO. PCT/EP2003/011551		INTERNATIONAL FILING DATE 17 October 2003		PRIORITY DATE CLAIMED 18 October 2002	
TITLE OF APPLICATION:     Method for the Manufacture of Nucleic Acid Molecules					
APPLICANT(S) FOR DO/EO/US:     Octavian Schatz, Timothy O'Connell, Heinz Schwer and Thomas Waldmann					
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1.    <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2.    <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3.    <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4.    <input checked="" type="checkbox"/> The US has been elected. (Article 31).</li> <li>5.    <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a.    <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b.    <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c.    <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6.    <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7.    <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).           <ol style="list-style-type: none"> <li>a.    <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b.    <input type="checkbox"/> have been communicated to the International Bureau</li> <li>c.    <input type="checkbox"/> have not been made; however, the time for making such amendments has NOT expired.</li> <li>d.    <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8.    <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9.    <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10.    <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11.    <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12.    <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13.    <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14.    <input type="checkbox"/> An Application Data Sheet.</li> <li>15.    <input type="checkbox"/> A substitute specification.</li> <li>16.    <input type="checkbox"/> A power or attorney and/or change of address letter.</li> <li>17.    <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.</li> <li>18.    <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. (154(d)(4).</li> <li>19.    <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20.    <input checked="" type="checkbox"/> Other items of information. <b>A Sequence Listing in paper format, Statement of Armin K. Bohmann and a self-addressed return postcard.</b></li> </ol>					

U.S. APPLICATION NO. <b>10/531556</b>		INTERNATIONAL APPLICATION NO. PCT/EP2003/011551		ATTORNEY DOCKET NUMBER BOH6278P0150US	
21. The following fees are submitted				Applicant Use	Office Use Only
<input checked="" type="checkbox"/>	a)..... Basic national fee			\$300.00	
<input checked="" type="checkbox"/>	b)..... Examination fee			\$200.00	
<input checked="" type="checkbox"/>	c)..... Search fee			\$500.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1,000.00</b>	
<input checked="" type="checkbox"/>	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof				
Total Sheets	Extra Sheets	Number of Additional 50 or fraction thereof (round up to a whole number)	Rate		
- 100 =	/50		x \$250.00		
Surcharge of \$130.00 for furnishing oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total Claims	27 - 20 =	5	x \$50.00	\$250.00	
Independent claims	7 - 3 =	4	x \$200.00	\$800.00	
Multiple Dependent Claim(s) (if applicable)			+ \$360.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$2,050.00</b>	
<input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			\$	
<b>SUBTOTAL =</b>				\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE</b>				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$2,050.00</b>	
Amount to be refunded:					\$
Amount to be charged:					\$

- a. ☒ A check in the amount of \$2,050.00 to cover the above fees is enclosed.
- b. ☐ Please charge Deposit Account No. 23-0785 in the amount of \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0785. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Dated: April 14, 2005

10/531556  
JC12000'd PCT/PTC 1 4 APR 2005

PTO/SB92 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; DEPARTMENT OF COMMERCE

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I hereby certify that the following documents are being deposited with the United States Postal Services as Express Mail with sufficient postage in an envelope addressed to:

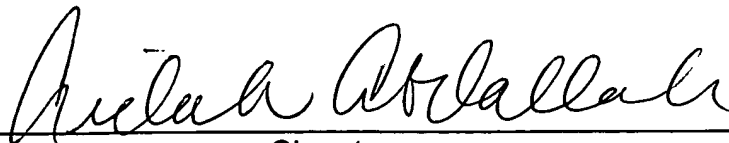
**Box PCT  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450**

- 1) Transmittal Letter to The United States Designated/Elected Office (DO/EO/US) concerning a Filing under 35 U.S.C. 371 for PCT/EP2003/011551 (2 pages);
- 2) Specification entitled "Method for the Manufacture of Nucleic Acid Molecules" (54 pages); Claims (10 pages); and Abstract (2 pages) - total (66 pages);
- 3) Drawings (26 pages and Figures 1-12);
- 4) Sequence Listing in a paper format (34 pages);
- 5) A copy of the sequence listing in computer-readable form;
- 6) Executed Declaration and Power of Attorney for Utility or Design Patent Application (2 pages);
- 7) Preliminary Amendment (18 pages);
- 8) A copy of WO 2004/035781 A1 (54 pages); Claims (10 pages) - total (64 pages); drawings (26 pages and Figures 1-12) and Sequence Listing (23 pages);
- 9) Executed Statement Under 37 C.F.R Sections 1.821(e), 1.821(f), 1.825(a), 1.825(b) by Armin Bohmann (1 page);
- 10) Certificate of Express Mail Under 37 CFR 1.8 (1 page);
- 11) A check in the amount \$2,050.00; and
- 12) A return self-addressed postcard.

on April 14, 2005

Express Mail No.: EV 531209279 US

For: National Phase of PCT/EP2003/011551



Signature

Aidah Abdallah

Typed or printed name of person of signing Certificate